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Dkt. 0575/72067-A-PCT-US/JPW/BJA/LCM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jingyue Ju
U.S. Serial No.: 10/591,520 Examiner: J. Riley
Filed : June 4, 2007 Group Art Unit: 1637
For : PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA
SEQUENCING CHIP CONSTRUCTED BY SITE-SPECIFIC
COUPLING CHEMISTRY

1185 Avenue of the Americas
New York, New York 10036
October 8, 2008

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**AMENDMENT IN RESPONSE TO JULY 8, 2008 OFFICE ACTION AND
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

This Amendment is submitted in response to the Office Action issued by the U.S. Patent and Trademark Office on July 8, 2008 in connection with the above-identified application. A response to the July 8, 2008 Office Action is due October 8, 2008. Accordingly, this Amendment is being timely filed.

Amendments to the claims begin on page 2.

Remarks begin on page 7.

Supplemental Information Disclosure Statement begins on a page 11.

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Serial No. : 10/591,520 Examiner: Jezia Riley
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For : PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA SEQUENCING
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Mail Stop Amendment
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Date: October 8, 2008

Sir:

Transmitted herewith is an amendment to the above-identified application.

 X Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been previously established.

 A verified statement to establish small entity status under 37 C.F.R. §1.9 and §1.27 is enclosed.

 No additional fee is required.

The filing fee is calculated as follows:

	Number after Amend-ment	Highest Number Previously Paid For ¹	Number of Extra Claims Presented	RATE			FEE	
				Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	19 -	* 21 =	*** 0 X	\$26	\$52	=	0	
Indepen- -dent Claims	5 -	** 5 =	*** 0 X	\$110	\$220	=	0	
Multiple Dependent Claim(s) Presented For First Time Yes <u> X </u> No				\$195	\$390	=	0	
				TOTAL ADDITIONAL FEE			\$ 0	

¹ The "HIGHEST NUMBER PREVIOUSLY PAID FOR" (Total or Independent) is the highest of the "NUMBER AFTER AMENDMENT" in any prior amendment or the number of claims originally filed.

* If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 20, write "20" in this space.

** If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 3, write "3" in this space.

*** If the difference between the "NUMBER AFTER AMENDMENT" and the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than "0", write "0".

A circular black and white stamp from the Office of Intellectual Property (OIPE). The text "OIPE" is at the top, "IAP30" is at the top right, "OCT 14 2008" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom. To the right of the stamp, the letters "S", "F", "A", and "T" are visible, likely from the word "STATUS".

JPW Rev. 10-2-08